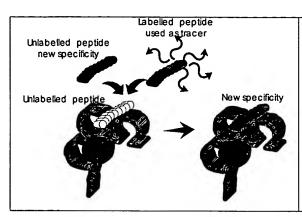
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A non-labeled template peptide harbored by a monomer used as template is displaced by an unlabelled competitor "new" peptide. The exchange is measured through competition with a labeled tracer peptide. In this competition assay the soluble monomer can be 90 to 100% exchanged with the labeled tracer peptide in the absence of a competitor peptide.

FIG. 1A

PEPTIDE EXCH.	ANGE FLOW CHA	RT	
TUBE 1 Monomer HLA-A*0201/Mart-1 26- 35 + Tracer HBVc-FITC + 100X Competitor peptide (New specificity)		TUBE 2 Monomer HLA-A*0201/Mart-1 26-35 + Only HBVc-FITC tracer	
Incubation Overnight at 21°C ASSAYS		Incubation Overnight at 21°C	
Assay with monomer HLA- A*0201(A245V) HBVc-FITC	Assay with monoclonal anti-Beta-2microglobulin antibody	Assay with monomer HLA- A*0201(A245V) HBVc-FITC	Assay with monoclonal anti-Beta-2microglobulin antibody
Aliquot to measure peptide exchange	Aliquot to measure monomer concentration	Aliquot to measure total peptide exchange (100% of exchange)	Aliquot to measure monomer concentration
% of the exchange	μg/ml of monomer	% of the exchange	μg/ml of monomer
TETRAMERIZA	TION		

FIG. 1B

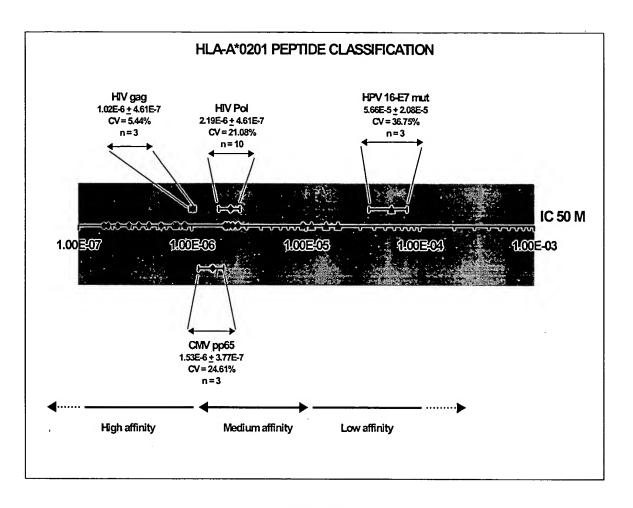


FIG. 2

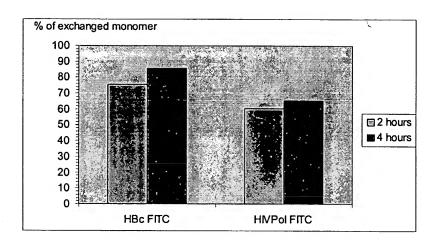


FIG. 3

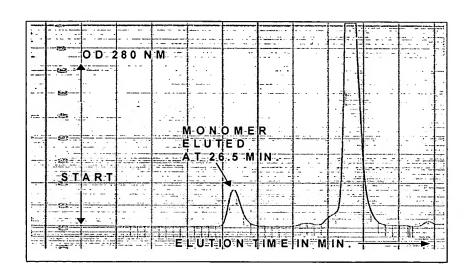


FIG. 4

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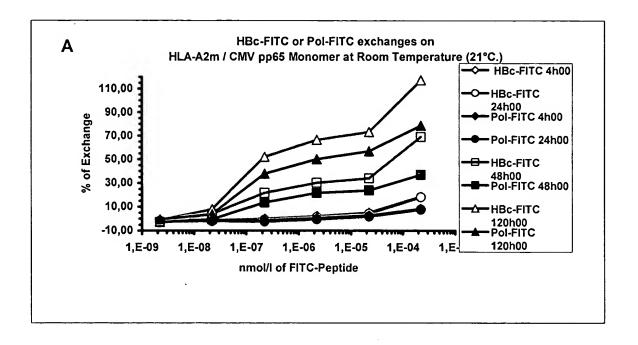


FIG. 5A

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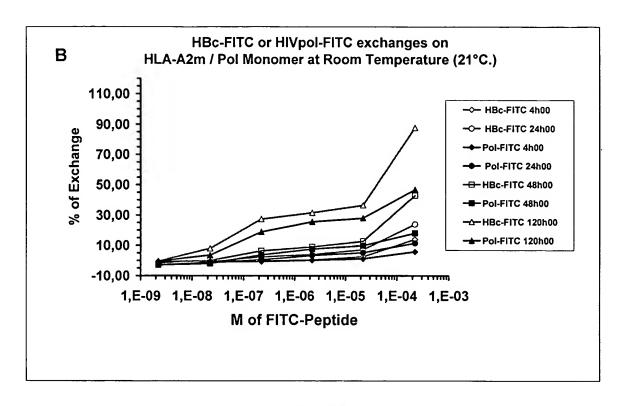


FIG. 5B

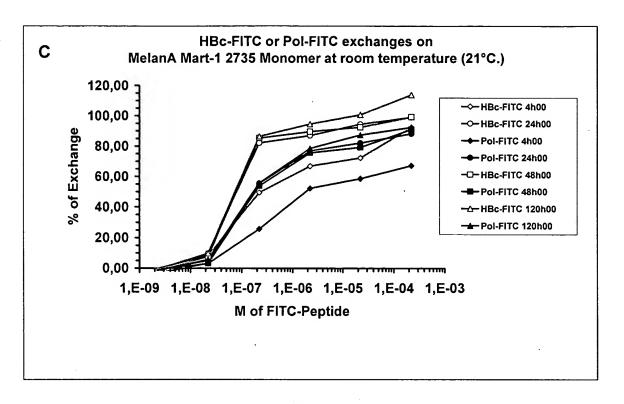


FIG. 5C

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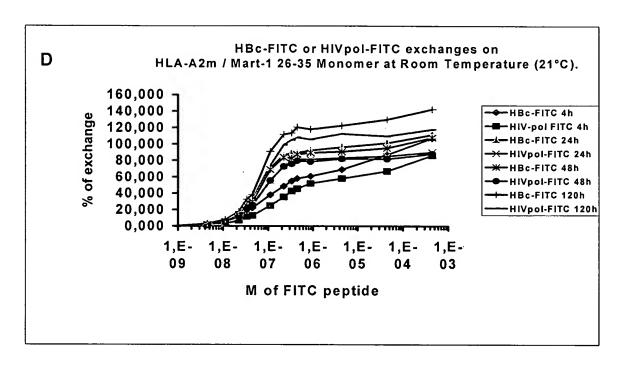


FIG. 5D

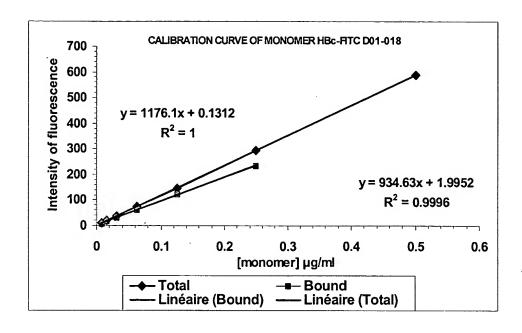


FIG. 6A

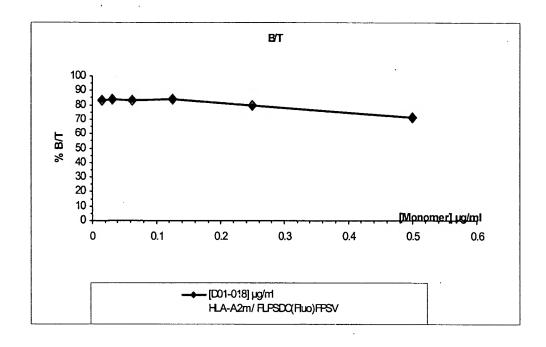


FIG.6B

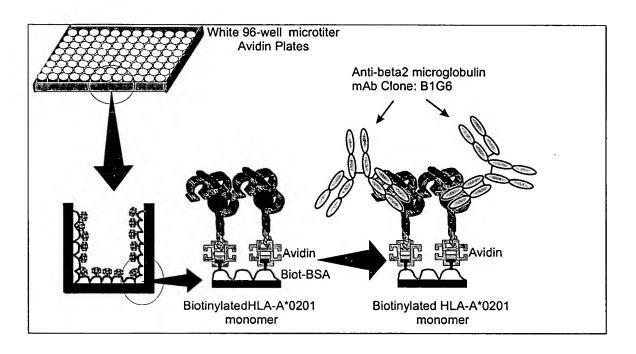


FIG. 7

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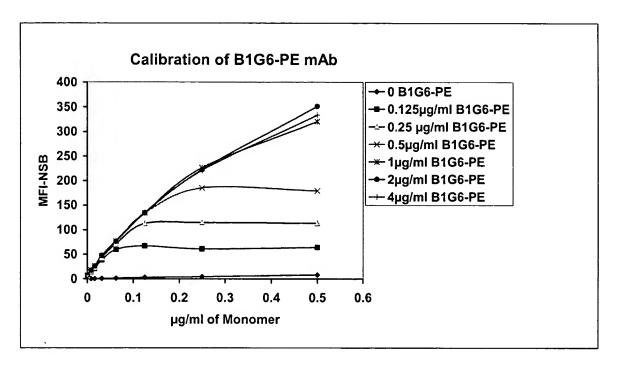


FIG. 8

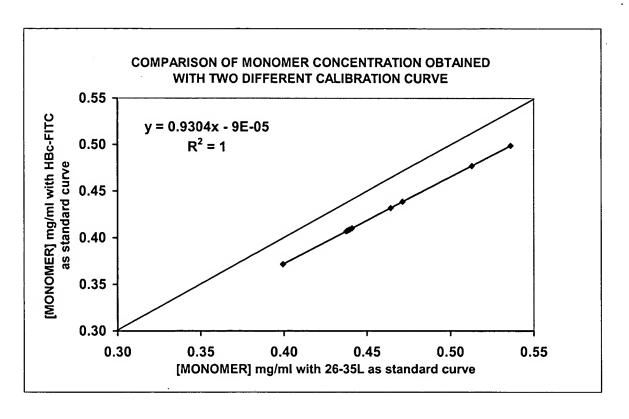


FIG. 9

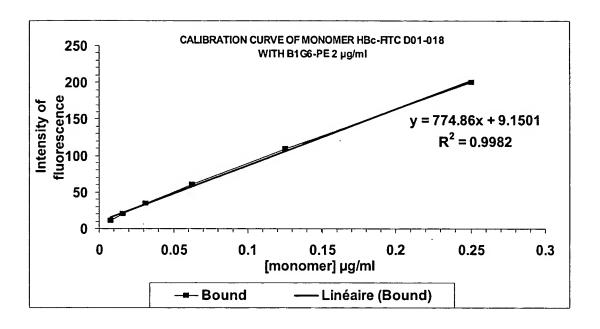


FIG. 10

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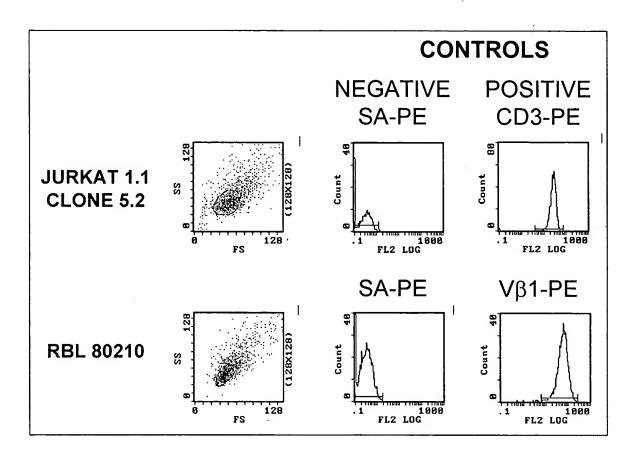


FIG. 11

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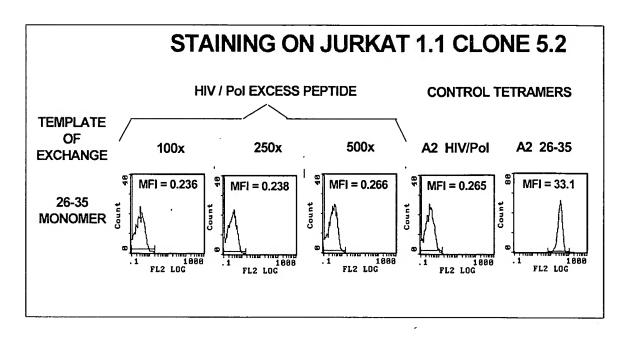


FIG. 12

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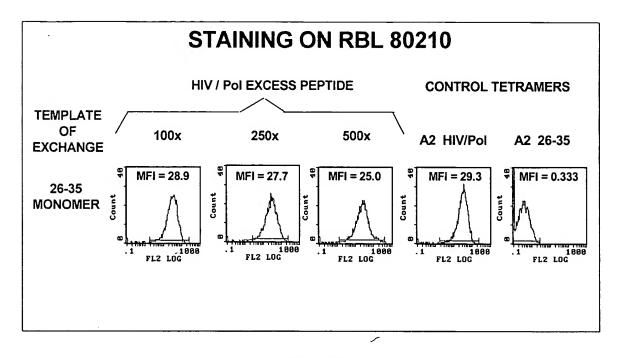


FIG. 13

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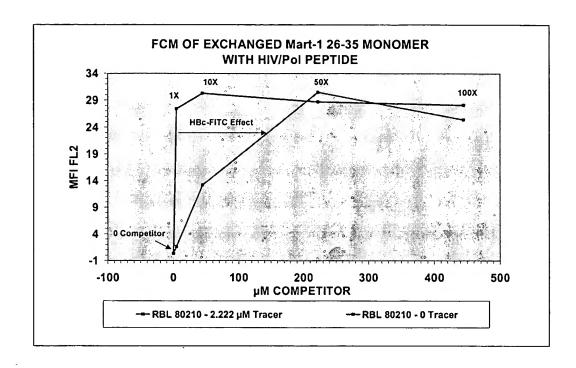


FIG. 14A

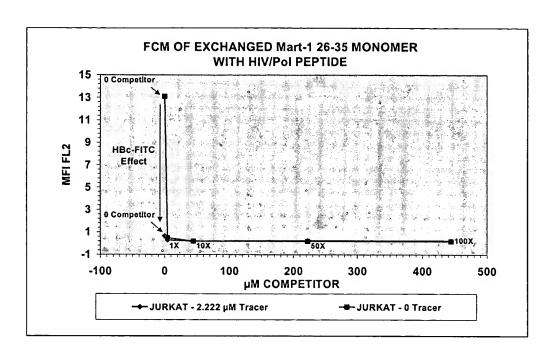


FIG. 14B

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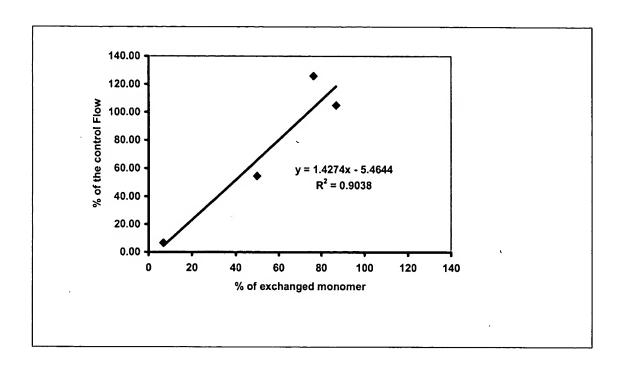


FIG. 15.